

OFFICE OF THE CLERK OF THE HOUSE OF REPRESENTATIVES
STATE OF TEXAS
1000 RICE STREET, AUSTIN, TEXAS 78701

CLERK OF THE HOUSE OF REPRESENTATIVES

FILED MAR 04 1999

By Bonner

H. B. No. 2296

A BILL TO BE ENTITLED

AN ACT

relating to the regulation of boilers.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Section 755.001, Health and Safety Code, is amended to read as follows:

Sec. 755.001. DEFINITIONS. In this chapter:

(1) "Alteration" means a substantial change in an original design.

(2) "Board" means the board of boiler rules.

(3) "Boiler" means:

(A) a heating boiler;

(B) a nuclear boiler;

(C) a power boiler; [or]

(D) an unfired steam boiler; or

(E) a process steam generator.

(4) "Certificate inspection" means the required internal or external [a] boiler inspection, the report of which is used by the chief inspector to decide whether to issue a certificate of operation.

(5) "Certificate of operation" means a certificate issued by the commissioner to allow the operation of a boiler.

(6) "Commissioner" means the commissioner of licensing and regulation.

(7) "Department" means the Texas Department of

1 . Licensing and Regulation.

2 (8) "External inspection" means an inspection of the
3 exterior of a boiler and its appurtenances that is made, if
4 possible, while the boiler is in operation.

5 (9) "Heating boiler" means a steam heating boiler, hot
6 water heating boiler, hot water supply boiler, or [lined] potable
7 water heater that is directly fired with oil, gas, solar energy,
8 electricity, coal, or other solid or liquid fuel.

9 (10) "High-temperature water boiler" means a water
10 boiler designed for operation at pressures exceeding 160 pounds per
11 square inch or temperatures exceeding 250 degrees Fahrenheit.

12 (11) "Hot water heating boiler" means a boiler
13 designed for operation at a pressure not exceeding 160 pounds per
14 square inch or temperatures not exceeding 250 degrees Fahrenheit at
15 or near the boiler outlet.

16 (12) "Hot water supply boiler" means a boiler designed
17 for operation at pressures not exceeding 160 pounds per square inch
18 or temperatures not exceeding 250 degrees Fahrenheit at or near the
19 boiler outlet if the boiler's:

20 (A) heat input exceeds 200,000 British thermal
21 units per hour;

22 (B) water temperature exceeds 210 degrees
23 Fahrenheit; or

24 (C) nominal water-containing capacity exceeds
25 120 gallons.

26 (13) "Inspection agency" means an authorized
27 inspection agency providing inspection services.

1 (14) "Inspector" means the chief inspector, a deputy
2 inspector, or an authorized inspector.

3 (15) "Internal inspection" means a complete and
4 thorough inspection of the interior waterside and fireside areas of
5 a boiler as construction allows.

6 (16) "Nuclear boiler" means a nuclear power plant
7 system, including its pressure vessels, piping systems, pumps,
8 valves, and storage tanks, that produces and controls an output of
9 thermal energy from nuclear fuel and the associated systems
10 essential to the function of the power system.

11 (17) "Portable power boiler" means a boiler primarily
12 intended for use at a temporary location.

13 (18) "Potable water heater" means a boiler designed
14 for operation at pressures not exceeding 160 pounds per square inch
15 and water temperatures not exceeding 210 degrees Fahrenheit if the
16 boiler's:

17 (A) heat input exceeds 200,000 British thermal
18 units per hour; or

19 (B) nominal water-containing capacity exceeds
20 120 gallons.

21 (19) "Power boiler" means:

22 (A) a high-temperature water boiler; or

23 (B) a boiler in which steam is generated at a
24 pressure exceeding 15 pounds per square inch for a purpose external
25 to the boiler.

26 (20) "Process steam generator" means an evaporator,
27 heat exchanger, or vessel in which steam is generated by the use of

1 heat resulting from the operation of a processing system that
2 contains a number of pressure vessels, such as used in the
3 manufacture of chemical and petroleum products.

4 (21) [~~19~~] "Repair" means the work necessary to
5 return a boiler to a safe and satisfactory operating condition
6 without changing the original design.

7 (22) "Safety appliance" means a safety device such as
8 a safety valve or a safety relief valve for a boiler provided to
9 diminish the danger of accidents.

10 (23) "Standard boiler" means a boiler that bears a
11 Texas stamp, the stamp of a nationally recognized engineering
12 professional society, or the stamp of any jurisdiction that has
13 adopted a standard of construction equivalent to the standard
14 required by the commissioner.

15 (24) [~~20~~] "Steam heating boiler" means a boiler
16 designed for operation at pressures not exceeding 15 pounds per
17 square inch.

18 (25) [~~21~~] "Unfired steam boiler" means an unfired
19 pressure vessel in which steam is generated. The term does not
20 include [a-steam-generating-system-that-includes]:

21 (A) vessels known as evaporators or [~~1~~

22 [~~B~~] heat exchangers; or

23 (B) [~~E~~] vessels in which steam is generated by
24 using the heat that results from the operation of a processing
25 system that contains a number of pressure vessels, as used in the
26 manufacture of chemical and petroleum products.

27 SECTION 2. Section 755.022(a), Health and Safety Code, is

1 amended to read as follows:

2 (a) This chapter does not apply to:

3 (1) boilers owned or operated by the federal
4 government;

5 (2) pressure vessels or process steam generators
6 [~~unfired--steam-boilers~~], other than steam collection or liberation
7 drums of process steam generators [~~unfired-steam-boilers~~]; [or]

8 (3) manually fired miniature boilers that:

9 (A) are constructed or maintained for
10 locomotives, boats, tractors, or stationary engines only as a hobby
11 for exhibition, recreation, education, or historical purposes and
12 not for commercial use;

13 (B) have an inside diameter of 12 inches or less
14 or a grate area of two square feet or less; and

15 (C) are equipped with a safety valve of adequate
16 size, a water level indicator, and a pressure gauge; or

17 (4) boilers that are designed for operation only at
18 atmospheric pressure and that are equipped with two independent
19 means to prevent the buildup of pressure.

20 SECTION 3. Sections 755.025(a) and (b), Health and Safety
21 Code, are amended to read as follows:

22 (a) The commissioner shall require each boiler to be
23 inspected internally and externally at the time of initial
24 installation and at subsequent intervals as provided by this
25 section. The commissioner may provide that the inspection be
26 performed by any inspector.

27 (b) Power boilers, unfired steam boilers, and steam

1 collection or liberation drums of process steam generators must
2 receive an annual certificate inspection and an annual external
3 inspection.

4 SECTION 4. Section 755.026(a), Health and Safety Code, is
5 amended to read as follows:

6 (a) With the approval of the commissioner and the inspection
7 agency that has jurisdiction for the power boiler, the interval
8 between internal inspections may be extended to a period not
9 exceeding a total of 48 months. For other unfired steam boilers or
10 steam collection or liberation drums of process steam generators,
11 the inspection interval may be extended to the next scheduled
12 downtime of the boiler, but not exceeding a total of 84 months.

13 SECTION 5. Section 755.027(a), Health and Safety Code, is
14 amended to read as follows:

15 (a) Not later than the 30th day after the date on which a
16 certificate inspection is performed by an authorized inspector, the
17 inspection agency employing the authorized inspector shall file a
18 report with the commissioner in the manner specified by the
19 department [stating:

20 [1]--the-condition-of-the-boiler;

21 [2]--the-location-of-the-boiler;

22 [3]--the-date-of-the-inspection;-and

23 [4]--the-name-of-the-inspector].

24 SECTION 6. Section 755.029(a), Health and Safety Code, is
25 amended to read as follows:

26 (a) The commissioner shall issue to the owner or operator of
27 a boiler a certificate of operation for the boiler if [it-is-found]

1 after a certificate inspection:

2 (1) the boiler is found to be in a safe condition for
3 operation; and

4 (2) the owner or operator has paid the fees assessed
5 under Section 755.030.

6 SECTION 7. Sections 755.032(b), (c), and (d), Health and
7 Safety Code, are amended to read as follows:

8 (b) [~~The---commissioner---may---adopt---rules---establishing~~
9 ~~inspection-procedures-for-the--use--of--nondestructive--examination~~
10 ~~equipment--to-comply-with-the-inspection-requirements-under-Section~~
11 ~~755-025-~~

12 [~~(c)~~] The commissioner may exchange information, including
13 data on experience, with other authorities that inspect boilers or
14 their appurtenances, to obtain information necessary to adopt
15 rules.

16 (c) [~~(d)~~] The commissioner or a department employee may not
17 prescribe the make, brand, or kind of boilers or any appurtenances
18 on the boiler to purchase.

19 SECTION 8. This Act takes effect September 1, 1999.

20 SECTION 9. The importance of this legislation and the
21 crowded condition of the calendars in both houses create an
22 emergency and an imperative public necessity that the
23 constitutional rule requiring bills to be read on three several
24 days in each house be suspended, and this rule is hereby suspended.

HOUSE COMMITTEE REPORT

1st Printing

By Bonnen

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20 include [~~a-steam-generating-system-that-includes~~]:

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1 after a certificate inspection:

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10 ~~equipment--to-comply-with-the-inspection-requirements-under-Section~~
11 ~~755-025-~~

12 [~~e~~] The commissioner may exchange information, including
13 data on experience, with other authorities that inspect boilers or
14 their appurtenances, to obtain information necessary to adopt
15 rules.

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17 prescribe the make, brand, or kind of boilers or any appurtenances
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21 crowded condition of the calendars in both houses create an
22 emergency and an imperative public necessity that the
23 constitutional rule requiring bills to be read on three several
24 days in each house be suspended, and this rule is hereby suspended.

COMMITTEE REPORT

The Honorable James E. "Pete" Laney
Speaker of the House of Representatives

March 29, 1999
(date)

Sir:
We, your COMMITTEE ON ECONOMIC DEVELOPMENT
to whom was referred HB 2296 have had the same under consideration and beg to report
back with the recommendation that it

- ☒ do pass, without amendment.
- ☐ do pass, with amendment(s).
- ☐ do pass and be not printed; a Complete Committee Substitute is recommended in lieu of the original measure.
- ☒ yes ☐ no A fiscal note was requested.
- ☐ yes ☒ no A criminal justice policy impact statement was requested.
- ☐ yes ☒ no An equalized educational funding impact statement was requested.
- ☐ yes ☒ no An actuarial analysis was requested.
- ☐ yes ☒ no A water development policy impact statement was requested.
- ☐ yes ☒ no A tax equity note was requested.
- ☐ The Committee recommends that this measure be sent to the Committee on Local and Consent Calendars.

For Senate Measures: House Sponsor _____


Joint Sponsors: _____ / _____ / _____

Co-Sponsors: _____

The measure was reported from Committee by the following vote:

	AYE	NAY	PNV	ABSENT
Solis, Chair	<input checked="" type="checkbox"/>			
Van de Putte, Vice-chair				<input checked="" type="checkbox"/>
Deshotel	<input checked="" type="checkbox"/>			
Homer	<input checked="" type="checkbox"/>			
Keffer	<input checked="" type="checkbox"/>			
Luna	<input checked="" type="checkbox"/>			
McClendon	<input checked="" type="checkbox"/>			
Seaman	<input checked="" type="checkbox"/>			
Yarbrough	<input checked="" type="checkbox"/>			

Total 8 aye
 0 nay
 0 present, not voting
 1 absent

CHAIR 

BILL ANALYSIS

Office of House Bill Analysis

H.B. 2296
By: Bonnen
Economic Development
3/18/1999
Introduced

BACKGROUND AND PURPOSE

Currently, language in the Health and Safety Code governing the installation and inspection of boilers does not conform to the American Society of Mechanical Engineers (ASME) standards. Changes bringing the two codes into conformance would allow the industry to comply with mandatory construction requirements of the code faster and more efficiently while cutting down on administrative duties for the Texas Department of Licensing and Regulation. H.B. 2296 brings current law into accordance with previously adopted language from the ASME code. This bill clarifies that owners and operators of boilers would be required to pay the fee for a boiler inspection prior to the issuance of a certificate of inspection.

RULEMAKING AUTHORITY

It is the opinion of the Office of House Bill Analysis that this bill does not expressly delegate any additional rulemaking authority to a state officer, department, agency, or institution.

SECTION BY SECTION ANALYSIS

SECTION 1. Amends Section 755.001, Health and Safety Code, to define "potable water heater," "process steam generator," "safety appliance," and "standard boiler," and to redefine "boiler," "certificate inspection," "heating boiler," "internal inspection," "power boiler," and "unfired steam boiler."

SECTION 2. Amends Section 755.022(a), Health and Safety Code, to provide that this chapter does not apply to a pressure vessel or process steam generator, rather than unfired steam boilers, other than steam collection or liberation drums of process steam generators. Provides that this chapter does not apply to boilers that are designed for operation only at atmospheric pressure and that are equipped with two independent means to prevent the buildup of pressure. Makes nonsubstantive changes.

SECTION 3. Amends Sections 755.025(a) and (b), Health and Safety Code, to require the commissioner of licensing and regulation (commissioner) to require each boiler to be inspected internally and externally at the time of initial installation and at subsequent intervals. Provides that power boilers, unfired steam boilers, and steam collection or liberation drums of process steam generators must receive an annual certification inspection and internal inspection.

SECTION 4. Amends Section 755.026(a), Health and Safety Code, to make a conforming change.

SECTION 5. Amends Section 755.027(a), Health and Safety Code, to require the inspection agency performing a certificate inspection to file a report with the commissioner in a manner specified by the department of licensing and regulation, rather than stating the condition and location of the boiler, the date of the inspection, and name of the inspector.

SECTION 6. Amends Section 755.029(a), Health and Safety Code, to require the commissioner to issue a boiler certificate if the owner or operator has paid the fees assessed under Section 755.030 (Fees). Makes nonsubstantive changes.

SECTION 7. Amends Sections 755.032(b), (c), and (d), Health and Safety Code, to delete the authorization that the commission adopt rules establishing inspection procedures for the use of nondestructive examinations under Section 755.025. Makes conforming and nonsubstantive changes.

SECTION 8. Effective date: September 1, 1999.

SECTION 9. Emergency clause.

SUMMARY OF COMMITTEE ACTION

HB 2296

March 22, 1999 1:30PM
Considered in public hearing
Testimony taken in committee
Left pending in committee

March 29, 1999 1:30PM
Considered in public hearing
Reported favorably without amendment(s)

WITNESS LIST

HB 2296
HOUSE COMMITTEE REPORT
Economic Development Committee

March 22, 1999 - 1:30PM

For: Mitchell, Jack L. (Dow Chemical Co.)
Schmidt, Homer (Electric Utility Industry in Texas;
Texas Boiler Advisory Board)
Vickers, Charles E. (Insurance Group Boiler Advisory
Board)
On: Bynog, George (Self)
Ferrie, George (Texas Department of Licensing &
Regulation)

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 76th Regular Session

March 19, 1999

TO: Honorable Jim Solis, Chair, House Committee on Economic Development

FROM: John Keel, Director, Legislative Budget Board

IN RE: HB2296 by Bonnen (Relating to the regulation of boilers), **As Introduced**

No significant fiscal implication to the State is anticipated.

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 452 Department of Licensing and Regulation

LBB Staff: JK, TH, CB

2ND READING
ENGROSSMENT

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11 for exhibition, recreation, education, or historical purposes and
12 not for commercial use;

13 (B) have an inside diameter of 12 inches or less
14 or a grate area of two square feet or less; and

15 (C) are equipped with a safety valve of adequate
16 size, a water level indicator, and a pressure gauge; or

17 (4) boilers that are designed for operation only at
18 atmospheric pressure and that are equipped with two independent
19 means to prevent the buildup of pressure.

20 SECTION 3. Sections 755.025(a) and (b), Health and Safety
21 Code, are amended to read as follows:

22 (a) The commissioner shall require each boiler to be
23 inspected internally and externally at the time of initial
24 installation and at subsequent intervals as provided by this
25 section. The commissioner may provide that the inspection be
26 performed by any inspector.

27 (b) Power boilers, unfired steam boilers, and steam

1 collection or liberation drums of process steam generators must
2 receive an annual certificate inspection and an annual external
3 inspection.

4 SECTION 4. Section 755.026(a), Health and Safety Code, is
5 amended to read as follows:

6 (a) With the approval of the commissioner and the inspection
7 agency that has jurisdiction for the power boiler, the interval
8 between internal inspections may be extended to a period not
9 exceeding a total of 48 months. For other unfired steam boilers or
10 steam collection or liberation drums of process steam generators,
11 the inspection interval may be extended to the next scheduled
12 downtime of the boiler, but not exceeding a total of 84 months.

13 SECTION 5. Section 755.027(a), Health and Safety Code, is
14 amended to read as follows:

15 (a) Not later than the 30th day after the date on which a
16 certificate inspection is performed by an authorized inspector, the
17 inspection agency employing the authorized inspector shall file a
18 report with the commissioner in the manner specified by the
19 department [stating:

20 [1]--the-condition-of-the-boiler;

21 [2]--the-location-of-the-boiler;

22 [3]--the-date-of-the-inspection; and

23 [4]--the-name-of-the-inspector].

24 SECTION 6. Section 755.029(a), Health and Safety Code, is
25 amended to read as follows:

26 (a) The commissioner shall issue to the owner or operator of
27 a boiler a certificate of operation for the boiler if [it-is-found]

1 after a certificate inspection:

2 (1) the boiler is found to be in a safe condition for
3 operation; and

4 (2) the owner or operator has paid the fees assessed
5 under Section 755.030.

6 SECTION 7. Sections 755.032(b), (c), and (d), Health and
7 Safety Code, are amended to read as follows:

8 (b) [~~The---commissioner---may---adopt---rules---establishing~~
9 ~~inspection-procedures-for-the--use--of--nondestructive--examination~~
10 ~~equipment--to-comply-with-the-inspection-requirements-under-Section~~
11 ~~755-025-~~

12 [~~(c)~~] The commissioner may exchange information, including
13 data on experience, with other authorities that inspect boilers or
14 their appurtenances, to obtain information necessary to adopt
15 rules.

16 (c) [~~(d)~~] The commissioner or a department employee may not
17 prescribe the make, brand, or kind of boilers or any appurtenances
18 on the boiler to purchase.

19 SECTION 8. This Act takes effect September 1, 1999.

20 SECTION 9. The importance of this legislation and the
21 crowded condition of the calendars in both houses create an
22 emergency and an imperative public necessity that the
23 constitutional rule requiring bills to be read on three several
24 days in each house be suspended, and this rule is hereby suspended.

HOUSE ENGROSSMENT

By Bonnen

H.B. No. 2296

A BILL TO BE ENTITLED

AN ACT

relating to the regulation of boilers.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Section 755.001, Health and Safety Code, is amended to read as follows:

Sec. 755.001. DEFINITIONS. In this chapter:

(1) "Alteration" means a substantial change in an original design.

(2) "Board" means the board of boiler rules.

(3) "Boiler" means:

(A) a heating boiler;

(B) a nuclear boiler;

(C) a power boiler; ~~or~~

(D) an unfired steam boiler; or

(E) a process steam generator.

(4) "Certificate inspection" means the required internal or external [a] boiler inspection, the report of which is used by the chief inspector to decide whether to issue a certificate of operation.

(5) "Certificate of operation" means a certificate issued by the commissioner to allow the operation of a boiler.

(6) "Commissioner" means the commissioner of licensing and regulation.

(7) "Department" means the Texas Department of

Licensing and Regulation.

(8) "External inspection" means an inspection of the exterior of a boiler and its appurtenances that is made, if possible, while the boiler is in operation.

(9) "Heating boiler" means a steam heating boiler, hot water heating boiler, hot water supply boiler, or [lined] potable water heater that is directly fired with oil, gas, solar energy, electricity, coal, or other solid or liquid fuel.

(10) "High-temperature water boiler" means a water boiler designed for operation at pressures exceeding 160 pounds per square inch or temperatures exceeding 250 degrees Fahrenheit.

(11) "Hot water heating boiler" means a boiler designed for operation at a pressure not exceeding 160 pounds per square inch or temperatures not exceeding 250 degrees Fahrenheit at or near the boiler outlet.

(12) "Hot water supply boiler" means a boiler designed for operation at pressures not exceeding 160 pounds per square inch or temperatures not exceeding 250 degrees Fahrenheit at or near the boiler outlet if the boiler's:

(A) heat input exceeds 200,000 British thermal units per hour;

(B) water temperature exceeds 210 degrees Fahrenheit; or

(C) nominal water-containing capacity exceeds 120 gallons.

(13) "Inspection agency" means an authorized inspection agency providing inspection services.

1 (14) "Inspector" means the chief inspector, a deputy
2 inspector, or an authorized inspector.

3 (15) "Internal inspection" means a complete and
4 thorough inspection of the interior waterside and fireside areas of
5 a boiler as construction allows.

6 (16) "Nuclear boiler" means a nuclear power plant
7 system, including its pressure vessels, piping systems, pumps,
8 valves, and storage tanks, that produces and controls an output of
9 thermal energy from nuclear fuel and the associated systems
10 essential to the function of the power system.

11 (17) "Portable power boiler" means a boiler primarily
12 intended for use at a temporary location.

13 (18) "Potable water heater" means a boiler designed
14 for operation at pressures not exceeding 160 pounds per square inch
15 and water temperatures not exceeding 210 degrees Fahrenheit if the
16 boiler's:

17 (A) heat input exceeds 200,000 British thermal
18 units per hour; or

19 (B) nominal water-containing capacity exceeds
20 120 gallons.

21 (19) "Power boiler" means:

22 (A) a high-temperature water boiler; or

23 (B) a boiler in which steam is generated at a
24 pressure exceeding 15 pounds per square inch for a purpose external
25 to the boiler.

26 (20) "Process steam generator" means an evaporator,
27 heat exchanger, or vessel in which steam is generated by the use of

1 heat resulting from the operation of a processing system that
2 contains a number of pressure vessels, such as used in the
3 manufacture of chemical and petroleum products.

4 (21) [~~19~~] "Repair" means the work necessary to
5 return a boiler to a safe and satisfactory operating condition
6 without changing the original design.

7 (22) "Safety appliance" means a safety device such as
8 a safety valve or a safety relief valve for a boiler provided to
9 diminish the danger of accidents.

10 (23) "Standard boiler" means a boiler that bears a
11 Texas stamp, the stamp of a nationally recognized engineering
12 professional society, or the stamp of any jurisdiction that has
13 adopted a standard of construction equivalent to the standard
14 required by the commissioner.

15 (24) [~~20~~] "Steam heating boiler" means a boiler
16 designed for operation at pressures not exceeding 15 pounds per
17 square inch.

18 (25) [~~21~~] "Unfired steam boiler" means an unfired
19 pressure vessel in which steam is generated. The term does not
20 include [a-steam-generating-system-that-includes]:

21 (A) vessels known as evaporators or [~~7~~
22 [~~B~~] heat exchangers; or

23 (B) [~~E~~] vessels in which steam is generated by
24 using the heat that results from the operation of a processing
25 system that contains a number of pressure vessels, as used in the
26 manufacture of chemical and petroleum products.

27 SECTION 2. Section 755.022(a), Health and Safety Code, is

amended to read as follows:

(a) This chapter does not apply to:

(1) boilers owned or operated by the federal government;

(2) pressure vessels or process steam generators [~~unfired--steam-boilers~~], other than steam collection or liberation drums of process steam generators [~~unfired-steam-boilers~~]; [or]

(3) manually fired miniature boilers that:

(A) are constructed or maintained for locomotives, boats, tractors, or stationary engines only as a hobby for exhibition, recreation, education, or historical purposes and not for commercial use;

(B) have an inside diameter of 12 inches or less or a grate area of two square feet or less; and

(C) are equipped with a safety valve of adequate size, a water level indicator, and a pressure gauge; or

(4) boilers that are designed for operation only at atmospheric pressure and that are equipped with two independent means to prevent the buildup of pressure.

SECTION 3. Sections 755.025(a) and (b), Health and Safety Code, are amended to read as follows:

(a) The commissioner shall require each boiler to be inspected internally and externally at the time of initial installation and at subsequent intervals as provided by this section. The commissioner may provide that the inspection be performed by any inspector.

(b) Power boilers, unfired steam boilers, and steam

1 collection or liberation drums of process steam generators must
2 receive an annual certificate inspection and an annual external
3 inspection.

4 SECTION 4. Section 755.026(a), Health and Safety Code, is
5 amended to read as follows:

6 (a) With the approval of the commissioner and the inspection
7 agency that has jurisdiction for the power boiler, the interval
8 between internal inspections may be extended to a period not
9 exceeding a total of 48 months. For other unfired steam boilers or
10 steam collection or liberation drums of process steam generators,
11 the inspection interval may be extended to the next scheduled
12 downtime of the boiler, but not exceeding a total of 84 months.

13 SECTION 5. Section 755.027(a), Health and Safety Code, is
14 amended to read as follows:

15 (a) Not later than the 30th day after the date on which a
16 certificate inspection is performed by an authorized inspector, the
17 inspection agency employing the authorized inspector shall file a
18 report with the commissioner in the manner specified by the
19 department [stating:

20 [1]--the-condition-of-the-boiler;

21 [2]--the-location-of-the-boiler;

22 [3]--the-date-of-the-inspection;--and

23 [4]--the-name-of-the-inspector].

24 SECTION 6. Section 755.029(a), Health and Safety Code, is
25 amended to read as follows:

26 (a) The commissioner shall issue to the owner or operator of
27 a boiler a certificate of operation for the boiler if [it-is-found]

1 after a certificate inspection;

2 (1) the boiler is found to be in a safe condition for
3 operation; and

4 (2) the owner or operator has paid the fees assessed
5 under Section 755.030.

6 SECTION 7. Sections 755.032(b), (c), and (d), Health and
7 Safety Code, are amended to read as follows:

8 (b) [~~The---commissioner---may---adopt---rules---establishing~~
9 ~~inspection-procedures-for-the--use--of--nondestructive--examination~~
10 ~~equipment--to-comply-with-the-inspection-requirements-under-Section~~
11 ~~755-025-~~

12 [~~(c)~~] The commissioner may exchange information, including
13 data on experience, with other authorities that inspect boilers or
14 their appurtenances, to obtain information necessary to adopt
15 rules.

16 (c) [~~(d)~~] The commissioner or a department employee may not
17 prescribe the make, brand, or kind of boilers or any appurtenances
18 on the boiler to purchase.

19 SECTION 8. This Act takes effect September 1, 1999.

20 SECTION 9. The importance of this legislation and the
21 crowded condition of the calendars in both houses create an
22 emergency and an imperative public necessity that the
23 constitutional rule requiring bills to be read on three several
24 days in each house be suspended, and this rule is hereby suspended.

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 76th Regular Session

March 19, 1999

TO: Honorable Jim Solis, Chair, House Committee on Economic Development

FROM: John Keel, Director, Legislative Budget Board

IN RE: **HB2296** by Bonnen (Relating to the regulation of boilers), **As Introduced**

No significant fiscal implication to the State is anticipated.
--

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 452 Department of Licensing and Regulation

LBB Staff: JK, TH, CB

1-1 By: Bonnen (Senate Sponsor - Jackson) H.B. No. 2296
1-2 (In the Senate - Received from the House April 28, 1999;
1-3 April 29, 1999, read first time and referred to Committee on
1-4 Economic Development; May 6, 1999, reported favorably by the
1-5 following vote: Yeas 6, Nays 0; May 6, 1999, sent to printer.)

1-6 A BILL TO BE ENTITLED
1-7 AN ACT

1-8 relating to the regulation of boilers.

1-9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-10 SECTION 1. Section 755.001, Health and Safety Code, is
1-11 amended to read as follows:

1-12 Sec. 755.001. DEFINITIONS. In this chapter:

1-13 (1) "Alteration" means a substantial change in an
1-14 original design.

1-15 (2) "Board" means the board of boiler rules.

1-16 (3) "Boiler" means:

1-17 (A) a heating boiler;

1-18 (B) a nuclear boiler;

1-19 (C) a power boiler; [or]

1-20 (D) an unfired steam boiler; or

1-21 (E) a process steam generator.

1-22 (4) "Certificate inspection" means the required
1-23 internal or external [a] boiler inspection, the report of which is
1-24 used by the chief inspector to decide whether to issue a
1-25 certificate of operation.

1-26 (5) "Certificate of operation" means a certificate
1-27 issued by the commissioner to allow the operation of a boiler.

1-28 (6) "Commissioner" means the commissioner of licensing
1-29 and regulation.

1-30 (7) "Department" means the Texas Department of
1-31 Licensing and Regulation.

1-32 (8) "External inspection" means an inspection of the
1-33 exterior of a boiler and its appurtenances that is made, if
1-34 possible, while the boiler is in operation.

1-35 (9) "Heating boiler" means a steam heating boiler, hot
1-36 water heating boiler, hot water supply boiler, or [lined] potable
1-37 water heater that is directly fired with oil, gas, solar energy,
1-38 electricity, coal, or other solid or liquid fuel.

1-39 (10) "High-temperature water boiler" means a water
1-40 boiler designed for operation at pressures exceeding 160 pounds per
1-41 square inch or temperatures exceeding 250 degrees Fahrenheit.

1-42 (11) "Hot water heating boiler" means a boiler
1-43 designed for operation at a pressure not exceeding 160 pounds per
1-44 square inch or temperatures not exceeding 250 degrees Fahrenheit at
1-45 or near the boiler outlet.

1-46 (12) "Hot water supply boiler" means a boiler designed
1-47 for operation at pressures not exceeding 160 pounds per square inch
1-48 or temperatures not exceeding 250 degrees Fahrenheit at or near the
1-49 boiler outlet if the boiler's:

1-50 (A) heat input exceeds 200,000 British thermal
1-51 units per hour;

1-52 (B) water temperature exceeds 210 degrees
1-53 Fahrenheit; or

1-54 (C) nominal water-containing capacity exceeds
1-55 120 gallons.

1-56 (13) "Inspection agency" means an authorized
1-57 inspection agency providing inspection services.

1-58 (14) "Inspector" means the chief inspector, a deputy
1-59 inspector, or an authorized inspector.

1-60 (15) "Internal inspection" means a complete and
1-61 thorough inspection of the interior waterside and fireside areas of
1-62 a boiler as construction allows.

1-63 (16) "Nuclear boiler" means a nuclear power plant
1-64 system, including its pressure vessels, piping systems, pumps,

valves, and storage tanks, that produces and controls an output of thermal energy from nuclear fuel and the associated systems essential to the function of the power system.

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(21) [~~+19~~] "Repair" means the work necessary to return a boiler to a safe and satisfactory operating condition without changing the original design.

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(25) [~~+21~~] "Unfired steam boiler" means an unfired pressure vessel in which steam is generated. The term does not include [a-steam-generating-system-that-includes]:

(A) vessels known as evaporators or [

[B]] heat exchangers; or

(B) [~~+C~~] vessels in which steam is generated by using the heat that results from the operation of a processing system that contains a number of pressure vessels, as used in the manufacture of chemical and petroleum products.

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(a) This chapter does not apply to:

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(2) pressure vessels or process steam generators [unfired-steam-boilers], other than steam collection or liberation drums of process steam generators [unfired-steam-boilers]; [or]

(3) manually fired miniature boilers that:

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inspected internally and externally at the time of initial installation and at subsequent intervals as provided by this section. The commissioner may provide that the inspection be performed by any inspector.

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(a) With the approval of the commissioner and the inspection agency that has jurisdiction for the power boiler, the interval between internal inspections may be extended to a period not exceeding a total of 48 months. For other unfired steam boilers or steam collection or liberation drums of process steam generators, the inspection interval may be extended to the next scheduled downtime of the boiler, but not exceeding a total of 84 months.

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(a) Not later than the 30th day after the date on which a certificate inspection is performed by an authorized inspector, the inspection agency employing the authorized inspector shall file a report with the commissioner in the manner specified by the department [stating:

[1]--the condition of the boiler;

[2]--the location of the boiler;

[3]--the date of the inspection; and

[4]--the name of the inspector].

SECTION 6. Section 755.029(a), Health and Safety Code, is amended to read as follows:

(a) The commissioner shall issue to the owner or operator of a boiler a certificate of operation for the boiler if [it is found] after a certificate inspection:

(1) the boiler is found to be in a safe condition for operation; and

(2) the owner or operator has paid the fees assessed under Section 755.030.

SECTION 7. Sections 755.032(b), (c), and (d), Health and Safety Code, are amended to read as follows:

(b) [The---commissioner---may---adopt---rules---establishing inspection---procedures---for---the---use-of-nondestructive-examination equipment-to-comply-with-the-inspection-requirements-under--Section 755.025-

[c)] The commissioner may exchange information, including data on experience, with other authorities that inspect boilers or their appurtenances, to obtain information necessary to adopt rules.

(c) [d)] The commissioner or a department employee may not prescribe the make, brand, or kind of boilers or any appurtenances on the boiler to purchase.

SECTION 8. This Act takes effect September 1, 1999.

SECTION 9. The importance of this legislation and the crowded condition of the calendars in both houses create an emergency and an imperative public necessity that the constitutional rule requiring bills to be read on three several days in each house be suspended, and this rule is hereby suspended.

* * * * *

**FAVORABLE
SENATE COMMITTEE REPORT ON**

SB SCR SJR SR HB HCR HJR 2296
By Senator Jackson
(Author/Senate Sponsor)
5/6/99
(date)

We, your Committee on ECONOMIC DEVELOPMENT, to which was referred the attached measure, have on May 4, 1999, had the same under consideration and I am instructed to report it back with the recommendation (s) that it:

☒ do pass and be printed

☐ do pass and be ordered not printed

☒ and is recommended for placement on the Local and Uncontested Bills Calendar.

A fiscal note was requested. ☒ yes ☐ no

A revised fiscal note was requested. ☐ yes ☐ no

An actuarial analysis was requested. ☐ yes ☐ no

Considered by subcommittee. ☐ yes ☐ no

The measure was reported from Committee by the following vote:

	YEA	NAY	ABSENT	PNV
Senator David Sibley, Chairman	✓			
Senator Ken Armbrister, Vice-Chairman			✓	
Senator John Carona	✓			
Senator Troy Fraser	✓			
Senator Mike Jackson	✓			
Senator Frank Madla	✓			
Senator John Whitmire	✓			
TOTAL VOTES	6	0	1	0

COMMITTEE ACTION

S260 Considered in public hearing
S270 Testimony taken

Barbara Henderson
COMMITTEE CLERK

David Sibley
CHAIRMAN

Paper clip the original and one copy of this signed form to the original bill
Retain one copy of this form for Committee files

WITNESS LIST

HB 2296
SENATE COMMITTEE REPORT
Economic Development Committee

May 4, 1999 - 9:00A

Registering, but not testifying:

For: Dipprey, Ron (Dow Chemical Co.), Austin

On: Bynoh, George (Texas Department of Licensing and Regulation),
Paige

BILL ANALYSIS

Senate Research Center
76R3425 CMR-F

H.B. 2296
By: Bonnen (Jackson)
Economic Development
5/3/1999
Engrossed

DIGEST

Currently, language in the Health and Safety Code governing the installation and inspection of boilers does not conform to the American Society of Mechanical Engineers (ASME) standards. Changes bringing the two codes into conformance would allow the industry to comply with mandatory construction requirements of the code faster and more efficiently while cutting down on administrative duties for the Texas Department of Licensing and Regulation. H.B. 2296 amends the regulation of boilers.

PURPOSE

As proposed, H.B. 2296 amends the regulation of boilers.

RULEMAKING AUTHORITY

This bill does not grant any additional rulemaking authority to a state officer, institution, or agency.

SECTION BY SECTION ANALYSIS

SECTION 1. Amends Section 755.001, Health and Safety Code, to define "potable boiling water," "process steam generator," "safety appliance," and "standard boiler." Redefines "boiler," "certificate inspection," "heating boilers," "internal inspection," "power boiler," and "unfired steam boiler." Makes conforming changes.

SECTION 2. Amends Section 755.022(a), Health and Safety Code, to set forth provisions to which this chapter does not apply. Deletes text regarding unfired steam boilers.

SECTION 3. Amends Sections 775.025(a) and (b), Health and Safety Code, to require the commissioner of licensing and regulation (commissioner) to require each boiler to be inspected internally and externally at the time of initial installation and at subsequent intervals as provided by this chapter. Requires power boilers, unfired steam boilers, and steam collection or liberation of process steam generators to receive an annual certificate and an annual external inspection.

SECTION 4. Amends Section 755.026(a), Health and Safety Code, to make conforming changes.

SECTION 5. Amends Section 755.027(a), Health and Safety Code, to set forth conditions by which an inspection agency shall file a report with the commissioner in the manner specified by the Texas Department of Licensing and Regulation. Deletes text regarding required information for the report to the commissioner.

SECTION 6. Amends Section 755.029(a), Health and Safety Code, to require the commissioner to issue a certificate of operation for a boiler if certain conditions are fulfilled. Makes conforming changes.

SECTION 7. Amends Sections 755.032(b), (c), and (d), Health and Safety Code, to authorize the commissioner to exchange information with certain other authorities regarding appurtenances on boilers. Deletes text regarding inspection procedures for certain equipment. Makes conforming changes.

SECTION 8. Effective date: September 1, 1999.

SECTION 9. Emergency clause.

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 76th Regular Session

May 6, 1999

TO: Honorable David Sibley, Chair, Senate Committee on Economic Development

FROM: John Keel, Director, Legislative Budget Board

IN RE: HB2296 by Bonnen (Relating to the regulation of boilers.), **As Engrossed**

<p>No significant fiscal implication to the State is anticipated.</p>
--

Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies:

LBB Staff: JK, TH

LEGISLATIVE BUDGET BOARD
Austin, Texas

FISCAL NOTE, 76th Regular Session

March 19, 1999

TO: Honorable Jim Solis, Chair, House Committee on Economic Development

FROM: John Keel, Director, Legislative Budget Board

IN RE: HB2296 by Bonnen (Relating to the regulation of boilers), **As Introduced**

No significant fiscal implication to the State is anticipated.
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Local Government Impact

No significant fiscal implication to units of local government is anticipated.

Source Agencies: 452 Department of Licensing and Regulation

LBB Staff: JK, TH, CB

REQUEST FOR LOCAL & UNCONTESTED CALENDAR PLACEMENT

SENATOR CHRIS HARRIS, CHAIRMAN
SENATE COMMITTEE ON ADMINISTRATION

Notice is hereby given that HB 2296, by: Senator Jackson,
(Bill No.) (Author/Sponsor)
was heard by the Economic Development Committee on May 4, 1999,
and reported out with the recommendation that it be placed on the Local and Uncontested Calendar.

Barbara Henderson
(Clerk of the reporting committee)

IMPORTANT: THE YELLOW COPY OF THIS FORM AND (1) COPY OF YOUR BILL OR RESOLUTION (COMMITTEE PRINTED VERSION) MUST BE DELIVERED TO THE ADMINISTRATION OFFICE, E1.714. DEADLINES FOR SUBMITTING BILLS WILL BE ANNOUNCED ON A REGULAR BASIS.

Committee Clerks: Original to Calendar Clerk. Pink copy for committee files. Green and yellow copies to bill author/sponsor.
Author/Sponsor: Green copy for office files. Submit yellow copy to Administration with your bill.

ENROLLED

H.B. No. 2296

AN ACT

relating to the regulation of boilers.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

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(2) "Board" means the board of boiler rules.

(3) "Boiler" means:

(A) a heating boiler;

(B) a nuclear boiler;

(C) a power boiler; ~~or~~

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(7) "Department" means the Texas Department of

1 Licensing and Regulation.

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3 exterior of a boiler and its appurtenances that is made, if
4 possible, while the boiler is in operation.

5 (9) "Heating boiler" means a steam heating boiler, hot
6 water heating boiler, hot water supply boiler, or [fired] potable
7 water heater that is directly fired with oil, gas, solar energy,
8 electricity, coal, or other solid or liquid fuel.

9 (10) "High-temperature water boiler" means a water
10 boiler designed for operation at pressures exceeding 160 pounds per
11 square inch or temperatures exceeding 250 degrees Fahrenheit.

12 (11) "Hot water heating boiler" means a boiler
13 designed for operation at a pressure not exceeding 160 pounds per
14 square inch or temperatures not exceeding 250 degrees Fahrenheit at
15 or near the boiler outlet.

16 (12) "Hot water supply boiler" means a boiler designed
17 for operation at pressures not exceeding 160 pounds per square inch
18 or temperatures not exceeding 250 degrees Fahrenheit at or near the
19 boiler outlet if the boiler's:

20 (A) heat input exceeds 200,000 British thermal
21 units per hour;

22 (B) water temperature exceeds 210 degrees
23 Fahrenheit; or

24 (C) nominal water-containing capacity exceeds
25 120 gallons.

26 (13) "Inspection agency" means an authorized
27 inspection agency providing inspection services.

1 (14) "Inspector" means the chief inspector, a deputy
2 inspector, or an authorized inspector.

3 (15) "Internal inspection" means a complete and
4 thorough inspection of the interior waterside and fireside areas of
5 a boiler as construction allows.

6 (16) "Nuclear boiler" means a nuclear power plant
7 system, including its pressure vessels, piping systems, pumps,
8 valves, and storage tanks, that produces and controls an output of
9 thermal energy from nuclear fuel and the associated systems
10 essential to the function of the power system.

11 (17) "Portable power boiler" means a boiler primarily
12 intended for use at a temporary location.

13 (18) "Potable water heater" means a boiler designed
14 for operation at pressures not exceeding 160 pounds per square inch
15 and water temperatures not exceeding 210 degrees Fahrenheit if the
16 boiler's:

17 (A) heat input exceeds 200,000 British thermal
18 units per hour; or

19 (B) nominal water-containing capacity exceeds
20 120 gallons.

21 (19) "Power boiler" means:

22 (A) a high-temperature water boiler; or

23 (B) a boiler in which steam is generated at a
24 pressure exceeding 15 pounds per square inch for a purpose external
25 to the boiler.

26 (20) "Process steam generator" means an evaporator,
27 heat exchanger, or vessel in which steam is generated by the use of

1 heat resulting from the operation of a processing system that
2 contains a number of pressure vessels, such as used in the
3 manufacture of chemical and petroleum products.

4 (21) [~~19~~] "Repair" means the work necessary to
5 return a boiler to a safe and satisfactory operating condition
6 without changing the original design.

7 (22) "Safety appliance" means a safety device such as
8 a safety valve or a safety relief valve for a boiler provided to
9 diminish the danger of accidents.

10 (23) "Standard boiler" means a boiler that bears a
11 Texas stamp, the stamp of a nationally recognized engineering
12 professional society, or the stamp of any jurisdiction that has
13 adopted a standard of construction equivalent to the standard
14 required by the commissioner.

15 (24) [~~20~~] "Steam heating boiler" means a boiler
16 designed for operation at pressures not exceeding 15 pounds per
17 square inch.

18 (25) [~~21~~] "Unfired steam boiler" means an unfired
19 pressure vessel in which steam is generated. The term does not
20 include [~~a-steam-generating-system-that-includes~~]:

21 (A) vessels known as evaporators or [~~1~~
22 [~~B~~]] heat exchangers; or

23 (B) [~~E~~] vessels in which steam is generated by
24 using the heat that results from the operation of a processing
25 system that contains a number of pressure vessels, as used in the
26 manufacture of chemical and petroleum products.

27 SECTION 2. Section 755.022(a), Health and Safety Code, is

amended to read as follows:

(a) This chapter does not apply to:

(1) boilers owned or operated by the federal government;

(2) pressure vessels or process steam generators [~~unfired--steam-boilers~~], other than steam collection or liberation drums of process steam generators [~~unfired-steam-boilers~~]; [or]

(3) manually fired miniature boilers that:

(A) are constructed or maintained for locomotives, boats, tractors, or stationary engines only as a hobby for exhibition, recreation, education, or historical purposes and not for commercial use;

(B) have an inside diameter of 12 inches or less or a grate area of two square feet or less; and

(C) are equipped with a safety valve of adequate size, a water level indicator, and a pressure gauge; or

(4) boilers that are designed for operation only at atmospheric pressure and that are equipped with two independent means to prevent the buildup of pressure.

SECTION 3. Sections 755.025(a) and (b), Health and Safety Code, are amended to read as follows:

(a) The commissioner shall require each boiler to be inspected internally and externally at the time of initial installation and at subsequent intervals as provided by this section. The commissioner may provide that the inspection be performed by any inspector.

(b) Power boilers, unfired steam boilers, and steam

1 collection or liberation drums of process steam generators must
2 receive an annual certificate inspection and an annual external
3 inspection.

4 SECTION 4. Section 755.026(a), Health and Safety Code, is
5 amended to read as follows:

6 (a) With the approval of the commissioner and the inspection
7 agency that has jurisdiction for the power boiler, the interval
8 between internal inspections may be extended to a period not
9 exceeding a total of 48 months. For other unfired steam boilers or
10 steam collection or liberation drums of process steam generators,
11 the inspection interval may be extended to the next scheduled
12 downtime of the boiler, but not exceeding a total of 84 months.

13 SECTION 5. Section 755.027(a), Health and Safety Code, is
14 amended to read as follows:

15 (a) Not later than the 30th day after the date on which a
16 certificate inspection is performed by an authorized inspector, the
17 inspection agency employing the authorized inspector shall file a
18 report with the commissioner in the manner specified by the
19 department ~~[stating:~~

20 ~~[(1)--the-condition-of-the-boiler,~~

21 ~~[(2)--the-location-of-the-boiler,~~

22 ~~[(3)--the-date-of-the-inspection,-and~~

23 ~~[(4)--the-name-of-the-inspector].~~

24 SECTION 6. Section 755.029(a), Health and Safety Code, is
25 amended to read as follows:

26 (a) The commissioner shall issue to the owner or operator of
27 a boiler a certificate of operation for the boiler if ~~[it-is-found]~~

1 after a certificate inspection:

2 (1) the boiler is found to be in a safe condition for
3 operation; and

4 (2) the owner or operator has paid the fees assessed
5 under Section 755.030.

6 SECTION 7. Sections 755.032(b), (c), and (d), Health and
7 Safety Code, are amended to read as follows:

8 (b) [~~The---commissioner---may---adopt---rules---establishing~~
9 ~~inspection-procedures-for-the--use--of--nondestructive--examination~~
10 ~~equipment--to-comply-with-the-inspection-requirements-under-Section~~
11 ~~755-025-~~

12 [~~(c)~~] The commissioner may exchange information, including
13 data on experience, with other authorities that inspect boilers or
14 their appurtenances, to obtain information necessary to adopt
15 rules.

16 (c) [~~(d)~~] The commissioner or a department employee may not
17 prescribe the make, brand, or kind of boilers or any appurtenances
18 on the boiler to purchase.

19 SECTION 8. This Act takes effect September 1, 1999.

20 SECTION 9. The importance of this legislation and the
21 crowded condition of the calendars in both houses create an
22 emergency and an imperative public necessity that the
23 constitutional rule requiring bills to be read on three several
24 days in each house be suspended, and this rule is hereby suspended.

H.B. No. 2296

President of the Senate

Speaker of the House

I certify that H.B. No. 2296 was passed by the House on April 27, 1999, by a non-record vote.

Chief Clerk of the House

I certify that H.B. No. 2296 was passed by the Senate on May 17, 1999, by the following vote: Yeas 30, Nays 0.

Secretary of the Senate

APPROVED: _____
Date

Governor

President of the Senate

Speaker of the House

I certify that H.B. No. 2296₍₁₎ was passed by the House
on April 27₍₂₎, 1999, by a non-record vote.

Chief Clerk of the House

I certify that H.B. No. 2296 was passed by the Senate
on May 17₍₃₎, 1999, by the following vote:
Yeas 30₍₄₎, Nays 0₍₅₎.

Secretary of the Senate

APPROVED:

Date

Governor

**** Preparation: CT26;

76TH LEGISLATURE

COAUTHOR AUTHORIZATION

(please request your coauthors to sign this form
in lieu of the front or the back of the original bill)

For chief clerk use only

Bill or Resolution Number: HB 2296

Dennis Bonnen

signature of primary author

DENNIS BONNEN

printed name of primary author

3-4-99

Date

PERMISSION TO SIGN HB 2296 HAS BEEN GIVEN TO (check only one of the following):
(bill or resolution #)

☒ ALL REPRESENTATIVES

☐ THE FOLLOWING REPRESENTATIVE(S): _____

I authorize the Chief Clerk to include my name as a coauthor of the legislation indicated above:

<u>A2120 Alexander</u>	<u> </u> Date	<u>A2600 Counts</u>	<u> </u> Date	<u>A2795 Farabee</u>	<u> </u> Date
<u>A2115 Allen</u>	<u> </u> Date	<u>A2605 Crabb</u>	<u> </u> Date	<u>A2810 Farrar</u>	<u> </u> Date
<u>A2105 Alvarado</u>	<u> </u> Date	<u>A2610 Craddick</u>	<u> </u> Date	<u>A2840 Flores</u>	<u> </u> Date
<u>A2135 Averitt</u>	<u> </u> Date	<u>A2615 Crownover</u>	<u> </u> Date	<u>A2920 Gallego</u>	<u> </u> Date
<u>A2160 Bailey</u>	<u> </u> Date	<u>A2645 Cuellar</u>	<u> </u> Date	<u>A2930 Garcia</u>	<u> </u> Date
<u>A2205 Berman</u>	<u> </u> Date	<u>A2635 Culberson</u>	<u> </u> Date	<u>A2940 George</u>	<u> </u> Date
<u>A2250 Bonnen</u>	<u> </u> Date	<u>A2670 Danburg</u>	<u> </u> Date	<u>A2935 Giddings</u>	<u> </u> Date
<u>A2275 Bosse</u>	<u> </u> Date	<u>A2620 Davis, John</u>	<u> </u> Date	<u>A2880 Glaze</u>	<u> </u> Date
<u>A2260 Brimer</u>	<u> </u> Date	<u>A2625 Davis, Yvonne</u>	<u> </u> Date	<u>A2985 Goodman</u>	<u> </u> Date
<u>A2265 Brown, Betty</u>	<u> </u> Date	<u>A2680 Delisi</u>	<u> </u> Date	<u>A2990 Goolsby</u>	<u> </u> Date
<u>A2270 Brown, Fred</u>	<u> </u> Date	<u>A3385 Denny</u>	<u> </u> Date	<u>A3005 Gray</u>	<u> </u> Date
<u>A2255 Burnam</u>	<u> </u> Date	<u>A2690 Deshotel</u>	<u> </u> Date	<u>A3000 Green</u>	<u> </u> Date
<u>A2300 Capelo</u>	<u> </u> Date	<u>A2705 Driver</u>	<u> </u> Date	<u>A3010 Greenberg</u>	<u> </u> Date
<u>A2400 Carter</u>	<u> </u> Date	<u>A2665 Dukes</u>	<u> </u> Date	<u>A3020 Grusendorf</u>	<u> </u> Date
<u>A2585 Chavez</u>	<u> </u> Date	<u>A2660 Dunnam</u>	<u> </u> Date	<u>A3030 Gutierrez</u>	<u> </u> Date
<u>A2480 Chisum</u>	<u> </u> Date	<u>A2650 Dutton</u>	<u> </u> Date	<u>A3035 Haggerty</u>	<u> </u> Date
<u>A2525 Christian</u>	<u> </u> Date	<u>A2770 Edwards</u>	<u> </u> Date	<u>A2695 Hamric</u>	<u> </u> Date
<u>A2520 Clark</u>	<u> </u> Date	<u>A2760 Ehrhardt</u>	<u> </u> Date	<u>A3160 Hardcastle</u>	<u> </u> Date
<u>A2435 Coleman</u>	<u> </u> Date	<u>A2775 Eiland</u>	<u> </u> Date	<u>A3170 Hartnett</u>	<u> </u> Date
<u>A2565 Cook</u>	<u> </u> Date	<u>A2785 Elkins</u>	<u> </u> Date	<u>A3345 Hawley</u>	<u> </u> Date
<u>A2595 Corte</u>	<u> </u> Date	<u>A2790 Ellis, Dan</u>	<u> </u> Date	<u>A3180 Heflin</u>	<u> </u> Date

For chief clerk use only

Bill or Resolution Number:

HB 2296

A3310 Hilbert	Date	A3715 Madden	Date	A4435 Shields	Date
A3250 Hilderbran	Date	A3750 Marchant	Date	A4445 Siebert	Date
A3275 Hill	Date	A2700 Maxey	Date	A4525 Smith	Date
A3270 Hinojosa	Date	A3665 McCall	Date	A4530 Smithee	Date
A3305 Hochberg	Date	A3650 McClendon	Date	A4550 Solis, Jim	Date
A3290 Hodge	Date	A3845 McReynolds	Date	A4560 Solis, Juan	Date
A3325 Homer	Date	A3840 Merritt	Date	A4505 Solomons	Date
A3320 Hope	Date	A3855 Moreno, Joe	Date	A4515 Staples	Date
A3315 Howard	Date	A3860 Moreno, Paul	Date	A4570 Swinford	Date
A3355 Hunter	Date	A3870 Morrison	Date	A4585 Talton	Date
A3360 Hupp	Date	A3865 Mowery	Date	A4605 Telford	Date
A3375 Isett	Date	A3885 Naishtat	Date	A4630 Thompson	Date
A3415 Janek	Date	A3890 Najera	Date	A4635 Tillery	Date
A3410 Jones, Charles	Date	A3895 Nixon, Joe	Date	A4650 Truitt	Date
A3405 Jones, Delwin	Date	A3900 Noriega	Date	A2730 Turner, Bob	Date
A3400 Jones, Jesse	Date	A3880 Oliveira	Date	A4685 Turner, Sylvester	Date
A3440 Junell	Date	A3886 Olivo	Date	A4690 Uher	Date
A3475 Keel	Date	A4010 Palmer	Date	A4695 Uresti	Date
A3480 Keffer	Date	A4180 Pickett	Date	A4720 Van de Putte	Date
A3470 King, Phil	Date	A4185 Pitts	Date	A4990 Walker	Date
A3465 King, Tracy	Date	A4200 Puente	Date	A4995 West, George "Buddy"	Date
A3485 Krusee	Date	A4210 Ramsay	Date	A5035 Williams	Date
A3450 Kuempel	Date	A4240 Rangel	Date	A5000 Wilson	Date
A3510 Laney	Date	A4245 Reyna, Arthur	Date	A5020 Wise	Date
A3520 Lengefeld	Date	A4236 Reyna, Elvira	Date	A5015 Wohlgemuth	Date
A3605 Lewis, Glenn	Date	A4250 Ritter	Date	A4980 Wolens	Date
A3600 Lewis, Ron	Date	A4370 Sadler	Date	A5005 Woolley	Date
A3615 Longoria	Date	A4380 Salinas	Date	A5025 Yarbrough	Date
A3620 Luna, Vilma	Date	A4420 Seaman	Date	A5040 Zbraneck	Date

A BILL TO BE ENTITLED
AN ACT

Relating to the regulation of boilers.

MAR 04 1999

Filed with the Chief Clerk

MAR - 8 1999

Read first time and referred to Committee on

Economic DevelopmentMAR 29 1999Reported ___ favorably (~~as amended~~)
(~~as substituted~~)APR 14 1999

Sent to Committee on (Calendars)

~~(Unanimous Consent Calendar)~~APR 26 1999Read second time (~~as amended~~) (~~unamended~~); passed to third reading (~~failed~~) by a (non-record vote)
(~~record vote of~~ ___ yeas, ___ nays, ___ present, not voting)Constitutional rule requiring bills to be read on three several days suspended (failed to suspend)
by a vote of ___ yeas, ___ nays, ___ present, not votingAPR 27 1999Read third time (~~unamended~~); finally passed (~~failed to pass~~) by a (non-record vote)~~(record vote of~~ ___ yeas, ___ nays, ___ present, not voting)APR 28 1999

Engrossed

APR 28 1999

Sent to Senate

Sharon Carter

CHIEF CLERK OF THE HOUSE

OTHER HOUSE ACTION:

~~APR 28 1999~~

Received from the House

APR 29 1999

Read and referred to Committee on

ECONOMIC DEVELOPMENTMAY 06 1999

Reported favorably

Reported adversely, with favorable Committee Substitute; Committee Substitute read first time

Ordered not printed

MAY 17 1999

Laid before the Senate

Senate and Constitutional Rules to permit consideration suspended by (unanimous consent)

(___ yeas, ___ nays)

MAY 17 1999Read second time, _____, and passed to third reading by (unanimous consent)

(a viva voce vote)

(___ yeas, ___ nays)

MAY 17 1999Senate and Constitutional 3 Day Rules suspended by a vote of 30 yeas, 0 naysMAY 17 1999

Read third time, _____, and passed by (a viva voce vote)

30 yeas, 0 nays)May 17, 1999

Returned to the House

Deity King

SECRETARY OF THE SENATE

OTHER SENATE ACTION:

MAY 17 1999

Returned from the Senate ~~(as substituted)~~
~~(with amendments)~~

House concurred in Senate amendments by a (non-record vote)
(record vote of _____ yeas, _____ nays, _____ present, not voting)

House refused to concur in Senate amendments and requested the appointment of a conference committee
by a (non-record vote) (record vote of _____ yeas, _____ nays, _____ present, not voting)

House conferees appointed: _____, Chair; _____,
_____, _____, _____

Senate granted House request. Senate conferees appointed: _____, Chair;
_____, _____, _____, _____

Conference committee report adopted (rejected) by the House by a (non-record vote)
(record vote of _____ yeas, _____ nays, _____ present, not voting)

Conference committee report adopted (rejected) by the Senate by a (viva voce vote)
(record vote of _____ yeas, _____ nays)

99 APR 13 PM 5:46

HOUSE OF REPRESENTATIVES

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